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(71) Applicant (for all designated States except US): **ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY** [US/US]; 1300 Morris Park Avenue, Bronx, NY 10461 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **FRIEDMAN, Joel, M.** [US/US]; 132 Mayhew Drive, South Orange, NJ 07079 (US). **NAVATI, Mahantesh, S.** [IN/US]; 1560 Pelham Parkway South, Apt. 5P, Bronx, NY 10461 (US).

(74) Agent: **MILLER, Alan, D.**; Amster, Rothstein & Ebenstein LLP, 90 Park Avenue, New York, NY 10016 (US).

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(54) Title: STABLE OXIDATION RESISTANT POWDERED HEMOGLOBIN, METHODS OF PREPARING SAME, AND USES THEREOF

(57) Abstract: The present invention provides oxygenated hemoglobins in powdered form and methods of preparing a powdered form of a protein, such as hemoglobin, which comprise (a) mixing a solution of the protein with inulin, and optimally with a reducing sugar such as glucose or tagatose, and (b) drying the mixture. Also provided are blood substitutes formed from reconstituted powdered hemoglobins, and methods of treatment using the blood substitutes.



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